

High School to College and Career Pathway: Post-Secondary

Area of Study: Skilled & Technical Sciences Education

Pathway: Heavy Duty Diesel

Region: Central	District:	School:	College/Institution: Snow College Articulation Agreement in place? Yes Name of Degree or Certificate: Associate of Applied Science Heavy Duty Diesel
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High School				College		
Course Number	High School Suggested Academic Courses	H.S. Credit	College Credits	Course Number	College General Education Requirements	College Credits
	Communication Requirement: (Choose One)				Communication Requirement: (Choose One)	3
				BUED 2200	Business Communication (3)	
ENGL 1010	Introduction to Writing	.50	3	ENGL 1010	Introduction to Writing (3)	
				ENGL 1410	English Mechanics (3)	
					Computer Requirement: (Choose One)	2-3
CIS 1010	Intro to Computer Applications	.50	3	CIS 1010	Intro to Computer Applications (3)	
				CIS 1011	Computer Fundamentals (2)	
	Computation Requirement (Choose One)	1	4		Computation Requirement (Choose One)	3-4
				DMT 1715	Applied Technical Math (3)	
MATH 1010	Algebra (4)			MATH 1050	Algebra (4)	
MATH 1050	College Algebra (4)			MATH 1050	College Algebra (4)	

Note: This is a regional agreement. Some classes and some concurrent enrollment agreements may not be available in your particular high school. See your individual school for specific program offering. **Note:** * = concurrent ^ = distant ** Dual Enrollment

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Course CIP #	CTE Pathway Courses (credits for completion)	H.S. Credit	College Credits	Course #	College Major Course Requirements	College Credits
Course #	Foundation Courses: (3.00 credits required)	Credit				
47.0605	Heavy Duty Mechanics/Diesel	1.00				
	Elective Courses: (1.00 credit)					
47.0604	Automotive Service Technology	1.00				
47.0105	Electronics I	1.00				
47.0606	Small Vehicle Technician	1.00				
32.0199	Student Internship (Critical Workplace Skills)	.50				
	Additional Articulated Classes					
	The following classes are available to high school students at Snow College Richfield Campus or as an outreach program in some high schools within the Central Region.					
DMT 1110	Computer and Shop Skills **	1	4	DMT 1110	Computer and Shop Skills	4
DMT 1130	Diesel Engine Overhaul & Lab **	2	4	DMT 1130	Diesel Engine Overhaul & Lab	4
WELD 1030	Related Oxyacetylene and Arc Welding	3	3	WELD 1030	Related Oxyacetylene and Arc Welding	3
				DMT 1120	Electrical Systems & Lab	4
				DMT 1210	Fuel-Governor Systems & Lab	4
				DMT 1220	Mechanical-Electronic Controls & Lab	4
				DMT 1230	Computerized Diagnostics & Lab	4
				DMT 1240	Air Conditioning Technology Theory & Lab	2
				DMT 1581	Skills USA – Level I	1
				DMT 1582	Skills USA – Level II	1
				DMT 2310	Fluid Power Theory & Lab	6
				DMT 2320	Advanced Fluid Power Transmission Theory & Lab	6
				DMT 2410	Chassis Theory & Lab	6
				DMT 2420	Powertrains Theory & Lab	6
				MTT 1350	Related Machine Shop Practice	2
TOTAL Potential Credits Earned in High School			21	TOTAL Credits Required for Degree or Certificate		65-67

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